Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 20 Feb 2023 until 23:59 on Tuesday 21 Feb 2023

Forecast Issued on Sunday 19 Feb 2023 at 11:49

Confidence: High at first, falling low for timing of improvement on Wednesday.

Headline for Monday 20 Feb 2023: Overcast with hill fog and some occasional light rain or drizzle. Freezing level above summits with fresh to strong west to southwest winds across the tops.

Mountain weather hazards on Monday 20 Feb 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Fog	Fog	Dull	Dull	Fog	Drizzle	Dull	Mist
Precipitation probability							
20%	20%	10%	20%	30%	30%	20%	20%

Forecast for Monday 20 Feb 2023

Weather: Cloudy throughout with hill fog and occasional light rain and drizzle, though with some good drier periods.

Chance of cloud-free hill tops above 600m: 20% or less.

Low cloud and visibility: Extensive cloud, bases mostly 500-600m, a few lower patches in west, and occasionally a little higher over sheltered eastern slopes, bringing very poor visibility. Below the cloud, visibility moderate to good, occasionally poor in drizzly outbreaks

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 20 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/43 SW	32/43 W	31/43 W	30/42 W	28/39 W	27/38 W	22/31 W	17/25 SW	17/25 SW
300	21/32 SW	23/33 SW	22/33 W	22/33 W	21/32 W	20/31 W	16/25 W	13/20 SW	12/20 SW
Valley	11/26 SW	14/30 SW	14/30 SW	14/29 W	14/29 W	15/30 W	12/25 W	9/19 SW	8/18 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-2	6/-1	6/-0	6/0	7/1	7/2	6/2	6/1	5/1
300	7/2	8/3	8/3	8/4	9/5	10/6	9/5	8/4	7/4
Valley	7/4	8/5	8/5	9/5	10/6	10/7	9/6	8/6	8/5
Freezing Level*	1900m	2000m	1700m	1900m	2100m	2100m	2100m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Navigational difficulties the main hazard on Monday.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 19 Feb 2023	3.4mm	10.6mm	11.8mm

Forecast for Tuesday 21 Feb 2023
Weather: A cloudy day but dry.

Maximum wind: Southwest 15 gusts 20-25mph.

Chance of cloud-free hill tops above 600m: 50% at first rising 90% during the morning.

Low cloud and visibility: Cloud around 500-600m at first lifting above summits with a few breaks possible during the day, with good visibility.

Temperature: **Valleys:** Plus 10 Celsius
At 600m: Plus 4 Celsius
Freezing level: Above summits

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